

177448

STIC-Biotech/ChemLib

From: Mertz, Prema
Sent: Tuesday, January 24, 2006 1:29 PM
To: STIC-Biotech/ChemLib
Subject: 10/767521

Please search SEQ ID NO:1 with protein databases.

Thanks.

Prema Mertz, Ph.D., J.D.
Primary Examiner
Art Unit 1646
4D81 Remsen Bldg Mailbox 4C70
US Patent & Trademark Office
Tel # (571) 272-0876
FAX # (571) 273-0876

REC'D
JAN 24 2006
USPTO
(SAC)

Searcher: _____
Searcher Phone: _____
Date Searcher Picked up: _____
Date completed: _____
Searcher Prep Time: _____
Online Time: _____

Type of Search
NA# _____ AA# _____
S/L: _____ Oligomer: _____
Encode/Transl: _____
Structure #: _____ Text: _____
Inventor: _____ Litigation: _____

Vendors and cost where applicable
STN: _____
DIALOG: _____
QUESTEL/ORBIT: _____
LEXIS/NEXIS: _____
SEQUENCE SYSTEM: _____
WWW/Internet: _____
Other (Specify): _____

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STIC-Biotech/ChemLib

175414

Mg

From: Mertz, Prema
Sent: Sunday, January 01, 2006 12:49 PM
To: STIC-Biotech/ChemLib
Subject: 10,767,521

Please search SEQ ID NO:2, 3, 4, with DNA databases.

Please search US PG PUB databases with SEQ ID NO:2, 3, and 4.

Thanks.

Prema Mertz, Ph.D., J.D.
Primary Examiner
Art Unit 1646
4D81 Remsen Bldg Mailbox 4C70
US Patent & Trademark Office
Tel # (571) 272-0876
FAX # (571) 273-0876

RECEIVED
LIBRARY, U.S. PATENT & TRADEMARK OFFICE
(STIC)
JAN 3 2006

Searcher: _____
Searcher Phone: _____
Date Searcher Picked up: _____
Date completed: _____
Searcher Prep Time: _____
Online Time: _____

Type of Search
NA# _____ AA# _____
S/L: _____ Oligomer: _____
Encode/Transl: _____
Structure #: _____ Text: _____
Inventor: _____ Litigation: _____

Vendors and cost where applicable
STN: _____
DIALOG: _____
QUESTEL/ORBIT: _____
LEXIS/NEXIS: _____
SEQUENCE SYSTEM: _____
WWW/Internet: _____
Other (Specify): _____

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GenCore version 5.1.6
Copyright (c) 1993 - 2006 Computer

5
agen Ltd.

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29	465.5	25.1	359	6	US-10-995-561-1
30	465.5	25.1	359	7	US-11-127-877-6
31	462.5	24.9	254	6	US-10-055-877-2
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Sequence	52,	Appl
Sequence	55,	Appl
Sequence	838,	App
Sequence	837,	App
Sequence	5,	Appl
Sequence	2,	Appl
Sequence	4,	Appl
Sequence	6,	Appl

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

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 DataBase : Published Applications AA_New: *
 1: /cgn2_6/ptodata/2/pubpaa/US08_NEW_PUB.pep:*
 2: /cgn2_6/ptodata/2/pubpaa/US06_NEW_PUB.pep:*
 3: /cgn2_6/ptodata/2/pubpaa/US07_NEW_PUB.pep:*
 4: /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB.pep:*
 5: /cgn2_6/ptodata/2/pubpaa/US09_NEW_PUB.pep:*
 6: /cgn2_6/ptodata/2/pubpaa/US10_NEW_PUB.pep:*
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 8: /cgn2_6/ptodata/2/pubpaa/US60_NEW_PUB.pep:*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed and is derived by analysis of the total score distribution.

SUMMARIES

No.	Score	Match	Length	DB	ID	Description
1	1854	100.0	355	7	US-11-068-686-4	Sequence 4, Apply
2	1854	100.0	355	7	US-11-127-877-64	Sequence 64, Apply
3	1854	100.0	355	7	US-11-216-610-4	Sequence 4, Apply
4	1846	99.6	355	7	US-11-216-610-2	Sequence 2, Apply
5	1781	96.1	355	7	US-11-216-610-6	Sequence 6, Apply
6	943.5	50.9	352	7	US-11-068-686-20	Sequence 20, Apply
7	938.5	50.6	352	6	US-10-995-561-523	Sequence 523, Apply
8	938.5	50.6	352	7	US-11-068-686-2	Sequence 2, Apply
9	938.5	50.6	352	7	US-11-127-877-61	Sequence 61, Apply
10	886.5	47.8	374	7	US-11-127-877-60	Sequence 60, Apply
11	803.5	43.3	360	6	US-10-959-310-36	Sequence 36, Apply
12	684	36.9	355	6	US-10-995-561-636	Sequence 636, Apply
13	684	36.9	362	6	US-10-995-561-637	Sequence 637, Apply
14	662.5	35.7	344	6	US-10-995-561-524	Sequence 524, Apply
15	662.5	35.7	344	6	US-10-995-561-525	Sequence 525, Apply
16	572	30.9	374	7	US-11-127-877-62	Sequence 62, Apply
17	525.5	28.3	351	7	US-11-122-849-2	Sequence 2, Apply
18	521	28.1	333	7	US-11-127-877-57	Sequence 57, Apply
19	508	27.4	352	7	US-11-028-922A-1	Sequence 1, Apply
20	506.5	27.3	216	6	US-10-995-561-522	Sequence 522, Apply
21	503	27.1	353	7	US-11-017-058-9	Sequence 9, Apply
22	492.5	26.6	415	7	US-11-017-058-2	Sequence 2, Apply
23	480	25.9	349	7	US-11-028-922A-2	Sequence 2, Apply
24	468.5	25.3	359	6	US-10-876-787-2	Sequence 2, Apply
25	467	25.2	388	6	US-10-995-561-713	Sequence 713, Apply

SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/11/068, 686
FILING DATE: 28-Feb-2005
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Noland, Greta E.
REGISTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 27866/33670
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-474-6300
TELEFAX: 312-474-0448
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 355 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: / = "88-2B amino acid sequ
SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-11-068-686-4

QY 1 MTTSLDTVETFGTTSYDDVGLCEKADTRALMAQFVPLYSLVFTVGLGNVVVMILLI 60
 Db 1 MTTSLDTVETFGTTSYDDVGLCEKADTRALMAQFVPLYSLVFTVGLGNVVVMILLI 60
 QY 61 KYRRLRIMNTIYLNLAIISDLFLFLVTLFWIHYVRGHNWFGHGMCKLISGFYHTGLYSE 120
 Db 61 KYRRLRIMNTIYLNLAIISDLFLFLVTLFWIHYVRGHNWFGHGMCKLISGFYHTGLYSE 120
 QY 121 IFFILLTIDRYLAIVHAFALRARTVFGVITSIVTGLAVLAALPEFIFYTEELFEE 180
 Db 121 IFFILLTIDRYLAIVHAFALRARTVFGVITSIVTGLAVLAALPEFIFYTEELFEE 180
 QY 181 TLCSALYPEDTVYSWRHFTLRLMTIFCLVLPLLVMACITYGIIKTLIRCPSKKKYKAIRL 240
 Db 181 TLCSALYPEDTVYSWRHFTLRLMTIFCLVLPLLVMACITYGIIKTLIRCPSKKKYKAIRL 240
 QY 241 FVIMAVFIFWTPYNAVAILSSYOSILFGNDERSKHLIDLIVMLVTEVIAYSHCCMNPVI 300
 Db 241 FVIMAVFIFWTPYNAVAILSSYOSILFGNDERSKHLIDLIVMLVTEVIAYSHCCMNPVI 300
 QY 301 YAFVGERFRKYLHFFRHLMLGRYIPFLPSEKERTSSVSPSTAEPESIVP 355
 Db 301 YAFVGERFRKYLHFFRHLMLGRYIPFLPSEKERTSSVSPSTAEPESIVP 355

RESULT 2
 US-11-127-877-64
 ; Sequence 64, Application US/11127877
 ; Publication No. US20050287565A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Merchiers, Pascal G.
 ; APPLICANT: Hoffmann, Marcel
 ; APPLICANT: Spittaels, Koenraad F. F.
 ; APPLICANT: Laenen, Wendy
 ; TITLE OF INVENTION: Methods, Compositions and Compound Assays For Inhibiting Amyloid-Beta Protein Production
 ; FILE REFERENCE: P27, 800-B USA
 ; CURRENT APPLICATION NUMBER: US/11/127,877
 ; CURRENT FILING DATE: 2005-05-12
 ; PRIOR APPLICATION NUMBER: 60/570,352
 ; PRIOR FILING DATE: 2004-05-12
 ; PRIOR APPLICATION NUMBER: 60/603,948
 ; PRIOR FILING DATE: 2004-08-24
 ; NUMBER OF SEQ ID NOS: 590
 ; SOFTWARE: PatentIn version 3.3
 ; SEQ ID NO: 64
 ; LENGTH: 355
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-11-127-877-64

Query Match 100.0%; Score 1854; DB 7; Length 355;
 Best Local Similarity 100.0%; Pred. No. 3.4e-147;
 Matches 355; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MTTSLDTVETFGTTSYDDVGLCEKADTRALMAQFVPLYSLVFTVGLGNVVVMILLI 60
 Db 1 MTTSLDTVETFGTTSYDDVGLCEKADTRALMAQFVPLYSLVFTVGLGNVVVMILLI 60
 QY 61 KYRRLRIMNTIYLNLAIISDLFLFLVTLFWIHYVRGHNWFGHGMCKLISGFYHTGLYSE 120
 Db 61 KYRRLRIMNTIYLNLAIISDLFLFLVTLFWIHYVRGHNWFGHGMCKLISGFYHTGLYSE 120
 QY 121 IFFILLTIDRYLAIVHAFALRARTVFGVITSIVTGLAVLAALPEFIFYTEELFEE 180
 Db 121 IFFILLTIDRYLAIVHAFALRARTVFGVITSIVTGLAVLAALPEFIFYTEELFEE 180
 QY 181 TLCSALYPEDTVYSWRHFTLRLMTIFCLVLPLLVMACITYGIIKTLIRCPSKKKYKAIRL 240
 Db 181 TLCSALYPEDTVYSWRHFTLRLMTIFCLVLPLLVMACITYGIIKTLIRCPSKKKYKAIRL 240
 QY 241 FVIMAVFIFWTPYNAVAILSSYOSILFGNDERSKHLIDLIVMLVTEVIAYSHCCMNPVI 300

RESULT 3
 US-11-216-610-4
 ; Sequence 4, Application US/11216610
 ; Publication No. US2006002926A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Gerard, Craig J.
 ; Gerard, Norma P.
 ; Mackay, Charles R.
 ; Ponath, Paul D.
 ; Post, Theodore W.
 ; Qin, Shixin
 ; TITLE OF INVENTION: G PROTEIN-COUPLED RECEPTOR GENE CCR3 AND ANTAGONISTS THEREOF
 ; NUMBER OF SEQUENCES: 18
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
 ; STREET: Two Militia Drive
 ; CITY: Lexington
 ; STATE: MA
 ; COUNTRY: USA
 ; ZIP: 02173
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/11/216,610
 ; FILING DATE: 31-Aug-2005
 ; CLASSIFICATION: 536
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/963,656
 ; FILING DATE: 03-NOV-1997
 ; APPLICATION NUMBER: 08/720,565
 ; FILING DATE: 30-SEP-1996
 ; APPLICATION NUMBER: PCT/US96/00608
 ; FILING DATE: 19-JAN-1996
 ; APPLICATION NUMBER: US 08/375,199
 ; FILING DATE: 19-JAN-1995
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Brook, David E.
 ; REGISTRATION NUMBER: 22,592
 ; REFERENCE/DOCKET NUMBER: LKS94-05A2Z
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 781-861-6240
 ; TELEFAX: 781-861-9540
 ; INFORMATION FOR SEQ ID NO: 4:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 355 amino acids
 ; TYPE: amino acid
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: protein
 ; SEQUENCE DESCRIPTION: SEQ ID NO: 4:
 ; US-11-216-610-4

Query Match 100.0%; Score 1854; DB 7; Length 355;
 Best Local Similarity 100.0%; Pred. No. 3.4e-147;
 Matches 355; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MTTSLDTVETFGTTSYDDVGLCEKADTRALMAQFVPLYSLVFTVGLGNVVVMILLI 60
 Db 1 MTTSLDTVETFGTTSYDDVGLCEKADTRALMAQFVPLYSLVFTVGLGNVVVMILLI 60
 QY 61 KYRRLRIMNTIYLNLAIISDLFLFLVTLFWIHYVRGHNWFGHGMCKLISGFYHTGLYSE 120
 Db 61 KYRRLRIMNTIYLNLAIISDLFLFLVTLFWIHYVRGHNWFGHGMCKLISGFYHTGLYSE 120

Db 61 KYRRLRIMNTIYLLNLAISDLFLFLVTPFWIHYVRGHNWFGHGMCKLISGFYHTGLYE 120 US-11-216-610-2

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Matches 353; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 181 TLCSALYPEDTVWSWRHFTLRTMIFCLVLPLLVMAICYTGLIKTLRCPSSKKYKAIRL 240

Db 181 TLCSALYPEDTVWSWRHFTLRTMIFCLVLPLLVMAICYTGLIKTLRCPSSKKYKAIRL 240

Qy 241 IFVIMAVFFIFWTPYNVAILLSSYOSILFGNDERSKHLVLMLVTEVIAVSHCCMNPVI 300

Db 241 IFVIMAVFFIFWTPYNVAILLSSYOSILFGNDERSKHLVLMLVTEVIAVSHCCMNPVI 300

Qy 301 YAFVGERFRKYLRHFFHRLMLMHGRYIPFLPSEKLERTSSVSPSTAEPLSIVF 355

Db 301 YAFVGERFRKYLRHFFHRLMLMHGRYIPFLPSEKLERTSSVSPSTAEPLSIVF 355

RESULT 4

US-11-216-610-2

; Sequence 2, Application US/11216610

; Publication No. US20060002926A1

; GENERAL INFORMATION:

APPLICANT: Gerard, Craig J.
Gerard, Norma P.
Mackay, Charles R.
Ponath, Paul D.
Post, Theodore W.
Qin, Shixin

TITLE OF INVENTION: G PROTEIN-COUPLED RECEPTOR GENE CCR3 AND ANTAGONISTS THEREOF

NUMBER OF SEQUENCES: 18

CORRESPONDENCE ADDRESS:

ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
STREET: Two Militia Drive
CITY: Lexington
STATE: MA
COUNTRY: USA
ZIP: 02173

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/11/216,610
FILING DATE: 31-Aug-2005
CLASSIFICATION: 536

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/963,656
FILING DATE: 03-NOV-1997
APPLICATION NUMBER: 08/720,565
FILING DATE: 30-SEP-1996
APPLICATION NUMBER: PCT/US96/00608
FILING DATE: 19-JAN-1996
APPLICATION NUMBER: US 08/375,199
FILING DATE: 19-JAN-1995

ATTORNEY/AGENT INFORMATION:

NAME: Brook, David E.
REGISTRATION NUMBER: 22,592
REFERENCE/DOCKET NUMBER: LKS94-05A2Z

TELECOMMUNICATION INFORMATION:

TELEPHONE: 781-861-6240
TELEFAX: 781-861-9540

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 355 amino acids
TYPE: amino acid
STRANDEDNESS: <Unknown>
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 2:

Db 1 MTTSLDTVETFGTSYDDVGLCEKADTRALMAOFVPPPLSVFTVGLLGNVVMILLI 60 US-11-216-610-2

Db 1 MTTSLDTVETFGTSYDDVGLCEKADTRALMAOFVPPPLSVFTVGLLGNVVMILLI 60

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Qy 121 IFFIILLTIDRYLAIVHAVALRARTVFGVITSIVTGLAVLAALPEFIFYETEELFEE 180

Db 121 IFFIILLTIDRYLAIVHAVALRARTVFGVITSIVTGLAVLAALPEFIFYETEELFEE 180

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Db 181 TLCSALYPEDTVWSWRHFTLRTMIFCLVLPLLVMAICYTGLIKTLRCPSSKKYKAIRL 240

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Db 241 IFVIMAVFFIFWTPYNVAILLSSYOSILFGNDERSKHLVLMLVTEVIAVSHCCMNPVI 300

Qy 301 YAFVGERFRKYLRHFFHRLMLMHGRYIPFLPSEKLERTSSVSPSTAEPLSIVF 355

Db 301 YAFVGERFRKYLRHFFHRLMLMHGRYIPFLPSEKLERTSSVSPSTAEPLSIVF 355

RESULT 5

US-11-216-610-6

; Sequence 6, Application US/11216610

; Publication No. US20060002926A1

; GENERAL INFORMATION:

APPLICANT: Gerard, Craig J.
Gerard, Norma P.
Mackay, Charles R.
Ponath, Paul D.
Post, Theodore W.
Qin, Shixin

TITLE OF INVENTION: G PROTEIN-COUPLED RECEPTOR GENE CCR3 AND ANTAGONISTS THEREOF

NUMBER OF SEQUENCES: 18

CORRESPONDENCE ADDRESS:

ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
STREET: Two Militia Drive
CITY: Lexington
STATE: MA
COUNTRY: USA
ZIP: 02173

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/11/216,610
FILING DATE: 31-Aug-2005
CLASSIFICATION: 536

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/963,656
FILING DATE: 03-NOV-1997
APPLICATION NUMBER: 08/720,565
FILING DATE: 30-SEP-1996
APPLICATION NUMBER: PCT/US96/00608
FILING DATE: 19-JAN-1996
APPLICATION NUMBER: US 08/375,199
FILING DATE: 19-JAN-1995

ATTORNEY/AGENT INFORMATION:

NAME: Brook, David E.
REGISTRATION NUMBER: 22,592

REFERENCE/DOCKET NUMBER: LKS94-05A2Z

TELECOMMUNICATION INFORMATION:

TELEPHONE: 781-861-6240

TELEFAX: 781-861-9540

INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:

LENGTH: 352 amino acids

TYPE: amino acid

STRANDEDNESS: <Unknown>

MOLECULE TYPE: protein

SEQUENCE DESCRIPTION: SEQ ID NO: 6:

US-11-216-610-6

Query Match 96.1%; Score 1781; DB 7; Length 355;

Best Local Similarity 96.6%; Pred. No. 3.9e-141;

Matches 343; Conservative 0; Mismatches 12; Indels 0; Gaps 0;

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Db 1 MTTSILDTVETFGITSYDDVGGLCEKADTRALMAQFVPPLYSLVFTVGLLGNVVVMILLI 60

QY 61 KYRRLRIMNTIYLLNLAISDLFLFLYTLFWIHYVRGHNWVFGHGMCKLISGFYHTGLYSE 120

Db 61 KYRRLRIMNTIYLLNLAISDLFLFLYTLFWIHYVRGHNWVFGHGMCKLISGFYHTGLYSE 120

QY 121 IFFIILLTIDRYLAIHVAFALRARTVTFGVITSIVTWGLAVIAALPFFIFYETEELFEE 180

Db 121 IFFIILLTIDRYLAIHVAFALRARTVTFGVITSIVTWGLAVIAALPFFIFYETEELFEE 180

QY 181 TLCSALYPEDTVWSWXXFHTLRTIFCLVLPLVMAICYTGIKTLRCPSSKKYKAIRL 240

Db 181 TLCSALYPEDTVWSWXXFHTLRTIFCLVLPLVMAICYTGIKTLRCPSSKKYKAIRL 240

QY 241 IFVIMAVFFIFWTPYNAVILLSSYQSLFGLVPLVMAICYTGIKTLRCPSSKKYKAIRL 300

Db 241 IFVIMAVFFIFWTPYNAVILLSSXKILFGNDCERXXXXDLVMLVTEVIAVSHCCMNPVI 300

QY 301 YAFVGERFRKYLRHFFRHLIMELGRYIPFLPSEKLERTSSVSPSTAEPESIVF 355

Db 301 YAFVGERFRKYLRHFFRHLIMELGRYIPFLPSEKLERTSSVSPSTAEPESIVF 355

RESULT 6

US-11-068-686-20

Sequence 20, Application US/11068686

Publication No. US2005026055A1

GENERAL INFORMATION:

APPLICANT: Gray, Patrick W.

Report, Carol J.

Schweickart, Vicky L.

TITLE OF INVENTION: Chemokine Receptor Materials and Methods

NUMBER OF SEQUENCES: 20

CORRESPONDENCE ADDRESS:

ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun

STREET: 6300 Sears Tower, 233 S. Wacker Drive

CITY: Chicago

STATE: Illinois

ZIP: 60606

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/11/068,686

FILED DATE: 28-Feb-2005

CLASSIFICATION: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: No.land, Greta E.

REGISTRATION NUMBER: 35,302

REFERENCE/DOCKET NUMBER: 27866/33670

TELECOMMUNICATION INFORMATION:

TELEPHONE: 312-474-6300

TELEFAX: 312-474-0448

INFORMATION FOR SEQ ID NO: 20:

SEQUENCE CHARACTERISTICS:

LENGTH: 352 amino acids

TYPE: amino acid

TOPOLGY: linear

MOLECULE TYPE: protein

SEQUENCE DESCRIPTION: SEQ ID NO: 20:

US-11-068-686-20

Query Match 50.9%; Score 943.5; DB 7; Length 352;

Best Local Similarity 54.2%; Pred. No. 1.4e-71;

Matches 180; Conservative 58; Mismatches 91; Indels 3; Gaps 3;

QY 24 CEKADTRALMAQFVPPLYSLVFTVGLLGNVVVMILLIKYRRLRIMNTIYLLNLAISDLF 83

Db 20 CQKINVKQIAARLLPPLVPLVFTVGLLGNVVVMILLIKYRRLRIMNTIYLLNLAISDLF 79

QY 84 LVTLPFWIHYVRGHNWVFGHGMCKLISGFYHTGLYSE 143

Db 80 LLTVPFWAHYAA-QWDGFTMCQLLTGLYFIGFSGIFFILLTIDRYLAIHVAFALK 138

QY 144 ARTVTFGVITSIVTWGLAVIAALPFFIFYETEELFEEITCSALYPEDTVWSWRFHFLRM 203

Db 139 ARTVTFGVVTSVITWVAVFASLPGITFTRSQREGLHYTCSSHFPYSQYQFWKNFQTLKM 198

QY 204 TIFCLVPLVLLVMAICYTGIKTLRCPSS-KKKYKAIRLIFVIMAVFFIFWTPYNAVILLS 262

Db 199 VILGVVLVPLVLLVMAICYTGIKTLRCPSS-KKKYKAIRLIFVIMAVFFIFWTPYNAVILLS 258

QY 263 SYQSTILFGNDCERSKHLDSLVLVTEVIAVSHCCMNPVIYAFVGERFRKYLRHFFRHLIM 322

Db 259 TFQEFFGLNNCCSSNRLDQAMQVTTGTMTHCCINPIIYAFVGEKFRNLLVFFQKHLK 318

QY 323 HLGRYIPFLPSEKLERTSSVSPSTAEPESI 353

Db 319 RFCKCCSIIFOQEAPEPASVYTRSTGQEISV 350

RESULT 7

US-10-995-561-523

Sequence 523, Application US/10995561

Publication No. US20050272054A1

GENERAL INFORMATION:

APPLICANT: CARGILL, Michele et al.

TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF TITLE OF INVENTION: DETECTION AND USES THEREOF

FILE REFERENCE: CL001559

CURRENT APPLICATION NUMBER: US/10/995,561

CURRENT FILING DATE: 2004-11-24

NUMBER OF SEQ ID NOS: 85702

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO: 523

LENGTH: 352

TYPE: PRT

ORGANISM: Homo sapiens

US-10-995-561-523

Query Match 50.6%; Score 938.5; DB 6; Length 352;

Best Local Similarity 53.3%; Pred. No. 3.5e-71;

Matches 177; Conservative 62; Mismatches 90; Indels 3; Gaps 3;

QY 24 CEKADTRALMAQFVPPLYSLVFTVGLLGNVVVMILLIKYRRLRIMNTIYLLNLAISDLF 83

Db 20 CQKINVKQIAARLLPPLVPLVFTVGLLGNVVVMILLIKYRRLRIMNTIYLLNLAISDLF 79

QY 84 LVTLPFWIHYVRGHNWVFGHGMCKLISGFYHTGLYSE 143

Db 80 LLTVPFWAHYAA-QWDGFTMCQLLTGLYFIGFSGIFFILLTIDRYLAVVHAFALK 138

QY 144 ARTVTFGVITSIVTWGLAVLAALPEFIFYETEELFEETLCSALYPEDTVWSWRHFHTLM 203
 Db 139 ARTVTFGVVTSVITWVAVFASLPGIIFTRSQEGLHYTCSSHFPYSQYQFWKNFOTLKI 198
 QY 204 TIFCLVLPLLVMMAICYTGIIKTLRCPs-KKKYKAIRLIFVIMAVFFIFWTPYNVAILLs 262
 Db 199 VILGLVLPLLVMVICYSGILKTLRCRNEKKRRAVRLIFTIMIVYFLFWAPYNIVLLN 258
 QY 263 SYQSILFGNDCERSKHLDDLVLMLVTEVIAYSHCCMNPVIYAFVGERFRKYLRLHFFHRHLLM 322
 Db 259 TFOEFFGLNNCSSSNRLDQAMQVTETLGMTTHCCINPITYAFVGEKFRNYLLVFFQKHTAK 318
 QY 323 HLGRYIPFLPSEKLERTSV-SPSTAEPESI 353
 Db 319 RFCKCCSIFOQEAPEASSVYTRSTGEQESV 350

RESULT 8
 US-11-068-686-2
 ; Sequence 2, Application US/11068686
 ; Publication No. US20050260565A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Gray, Patrick W.
 ; Schweickart, Vicky L.
 ; Raport, Carol J.
 ; TITLE OF INVENTION: Chemokine Receptor Materials and Methods
 ; NUMBER OF SEQUENCES: 20
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
 ; STREET: 6300 Sears Tower, 233 S. Wacker Drive
 ; CITY: Chicago
 ; STATE: Illinois
 ; COUNTRY: USA
 ; ZIP: 60606
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/11/068,686
 ; FILING DATE: 28-Feb-2005
 ; CLASSIFICATION: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Noland, Gretta E.
 ; REGISTRATION NUMBER: 35,302
 ; REFERENCE/DOCKET NUMBER: 27866/33670
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 312-474-6300
 ; TELEFAX: 312-474-0448
 ; INFORMATION FOR SEQ ID NO: 2:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 352 amino acids
 ; TYPE: amino acid
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: protein
 ; FEATURE:
 ; NAME/KEY: misc feature
 ; OTHER INFORMATION: / = "88C amino acid sequence"
 ; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
 ; US-11-068-686-2

Query Match 50.6%; Score 938.5; DB 7; Length 352;
 Best Local Similarity 53.3%; Pred. No. 3.5e-71; Mismatches 90; Indels 3; Gaps 3;
 Matches 177; Conservative 62; Mismatches 90; Indels 3; Gaps 3;

QY 24 CEKADTRALMAQFVPPPLYSLVFTVGLLGNVVVMILKYRRLRIMTNIXLLNLAISDLF 83
 Db 20 CQKINVQIAARLLPPLYSLVLFGFVNMLVILILINCKRLKSMTDIYLLNLAISDLFF 79

QY 84 LVTLPFWIHYVRGHNWFVFGHGMCKLISGFYHTGLYSEIFFITLITIDRYLAIHAVFALR 143
 Db 80 LLTVPPFWAHYAA-QWDFGNTMCQQLTGLYFIGFFSGIFFTILTIDRYLAVHAVFALK 138

QY 144 ARTVTFGVITSIVTWGLAVLAALPEFIFYETEELFEETLCSALYPEDTVWSWRHFHTLM 203
 Db 139 ARTVTFGVVTSVITWVAVFASLPGIIFTRSQEGLHYTCSSHFPYSQYQFWKNFOTLKI 198

QY 204 TIFCLVLPLLVMMAICYTGIIKTLRCPs-KKKYKAIRLIFVIMAVFFIFWTPYNVAILLs 262
 Db 199 VILGLVLPLLVMVICYSGILKTLRCRNEKKRRAVRLIFTIMIVYFLFWAPYNIVLLN 258

QY 263 SYQSILFGNDCERSKHLDDLVLMLVTEVIAYSHCCMNPVIYAFVGERFRKYLRLHFFHRHLLM 322
 Db 259 TFOEFFGLNNCSSSNRLDQAMQVTETLGMTTHCCINPITYAFVGEKFRNYLLVFFQKHTAK 318

QY 323 HLGRYIPFLPSEKLERTSV-SPSTAEPESI 353
 Db 319 RFCKCCSIFOQEAPEASSVYTRSTGEQESV 350

RESULT 9
 US-11-127-877-61
 ; Sequence 61, Application US/11127877
 ; Publication No. US20050287565A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Merchiers, Pascal G.
 ; APPLICANT: Hoffmann, Marcel
 ; APPLICANT: Spittaels, Koenraad F. F.
 ; APPLICANT: Laenen, Wendy
 ; TITLE OF INVENTION: Methods, Compositions and Compound Assays For Inhibiting Amyloid-Beta Protein Production
 ; FILE REFERENCE: P27,800-B USA
 ; CURRENT APPLICATION NUMBER: US/11/127,877
 ; CURRENT FILING DATE: 2005-05-12
 ; PRIORITY NUMBER: 60/570,352
 ; PRIORITY NUMBER: 60/603,948
 ; PRIORITY FILING DATE: 2004-05-12
 ; PRIORITY FILING DATE: 2004-05-12
 ; NUMBER OF SEQ ID NOS: 590
 ; SOFTWARE: PatentIn version 3.3
 ; SEQ ID NO 61
 ; LENGTH: 352
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-11-127-877-61

Query Match 50.6%; Score 938.5; DB 7; Length 352;
 Best Local Similarity 53.3%; Pred. No. 3.5e-71; Mismatches 90; Indels 3; Gaps 3;
 Matches 177; Conservative 62; Mismatches 90; Indels 3; Gaps 3;

QY 24 CEKADTRALMAQFVPPPLYSLVFTVGLLGNVVVMILKYRRLRIMTNIXLLNLAISDLF 83
 Db 20 CQKINVQIAARLLPPLYSLVLFGFVNMLVILILINCKRLKSMTDIYLLNLAISDLFF 79

QY 84 LVTLPFWIHYVRGHNWFVFGHGMCKLISGFYHTGLYSEIFFITLITIDRYLAIHAVFALR 143
 Db 80 LLTVPPFWAHYAA-QWDFGNTMCQQLTGLYFIGFFSGIFFTILTIDRYLAVHAVFALK 138

QY 144 ARTVTFGVITSIVTWGLAVLAALPEFIFYETEELFEETLCSALYPEDTVWSWRHFHTLM 203
 Db 139 ARTVTFGVVTSVITWVAVFASLPGIIFTRSQEGLHYTCSSHFPYSQYQFWKNFOTLKI 198

QY 204 TIFCLVLPLLVMMAICYTGIIKTLRCPs-KKKYKAIRLIFVIMAVFFIFWTPYNVAILLs 262
 Db 199 VILGLVLPLLVMVICYSGILKTLRCRNEKKRRAVRLIFTIMIVYFLFWAPYNIVLLN 258

QY 263 SYQSILFGNDCERSKHLDDLVLMLVTEVIAYSHCCMNPVIYAFVGERFRKYLRLHFFHRHLLM 322
 Db 259 TFOEFFGLNNCSSSNRLDQAMQVTETLGMTTHCCINPITYAFVGEKFRNYLLVFFQKHTAK 318

QY 323 HLGRYIPFLPSEKLERTSV-SPSTAEPESI 353
 Db 319 RFCKCCSIFOQEAPEASSVYTRSTGEQESV 350

RESULT 10
 US-11-127-877-60
 Sequence 60, Application US/11127877
 Publication No. US20050287565A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Merchiers, Pascal G.
 ; APPLICANT: Hoffmann, Marcel
 ; APPLICANT: Spittaels, Koenraad F. F.
 ; APPLICANT: Laenen, Wendy
 ; TITLE OF INVENTION: Methods, Compositions and Compound Assays For Inhibiting
 ; CURRENT APPLICATION NUMBER: US/11/127,877
 ; CURRENT FILING DATE: 2005-05-12
 ; PRIOR APPLICATION NUMBER: 60/570,352
 ; PRIOR FILING DATE: 2004-05-12
 ; PRIORITY NUMBER: 60/603,948
 ; NUMBER OF SEQ ID NOS: 590
 ; SOFTWARE: PatentIn version 3.3
 ; SEQ ID NO: 60
 ; LENGTH: 374
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-11-127-877-60

Query Match 47.8%; Score 886.5; DB 7; Length 374;
 Best Local Similarity 54.2%; Pred. No. 7.8e-67;
 Matches 166; Conservative 57; Mismatches 72; Indels 11; Gaps 5;

Qy 14 TSYD-DVGLLCEKADTRALMAQFVPPLYSLVLPFTVGLGNVVVWMLIKYRRLRIMNTY 72
 Db 21 TTFDYDYGAPCHKFDVQKQIGAQLPPLYSLVIFGFVGNMLVVLILLINCKKLKCLTDY 80

Qy 73 LINLAISDLFLVTLPLFWIHYVRGNWFGHGMCKLILSGFYHTGLYSEIFFILLTDY 132
 Db 81 LINLAISDLFLITLPLWAHSA-ANEWVFGNAMCKLFLPTGLYHIGFCCIFFILLTDY 139

Qy 133 LATVHAVFALARARTVTFGVITSIVTGLAVLAALPEFIFYETEELFEETLCSALYPEDTV 192
 Db 140 LAIVHAVFALKARTVTFGVITSIVTGLAVFAVFAVPGIIFTKCQKEDSVVVCGPYFPR-- 196

Qy 193 YSWRHFHTLRTIFCLVLPLLLVMAICYTGIKIKLRCPS-KKKYKAIILIFVIMAVFFIF 251
 Db 197 -GWNNFHTIMRNILGLVLPLLIMVYCISGILKTLILRCRNEKKRRAVWRVIFTIMIVFLF 255

Qy 252 WTPYNNVAILLSSYQSLFGLNDERSKHLIDLVMLVTEVIAVSHCCMNPIVYAFVGERFRKY 311
 Db 256 WTPYNTIVILLNTFQEFFFGLSNCESTSQLDQATQVTETLGMTHCCINPIIYAFVGEKFRS- 314

Qy 312 LRHFFH 317
 Db 315 ---LFH 317

RESULT 11
 US-10-959-310-36
 ; Sequence 36, Application US/10959310
 ; Publication No. US20050287138A1
 ; GENERAL INFORMATION:
 ; APPLICANT: KYOWA HAKKO KOGYO CO., LTD.
 ; TITLE OF INVENTION: CCR4-specific antibody composition
 ; FILE REFERENCE: 249-363
 ; CURRENT APPLICATION NUMBER: US/10/959,310
 ; CURRENT FILING DATE: 2004-10-07
 ; PRIORITY NUMBER: JP 2003-350162
 ; PRIOR FILING DATE: 2003-10-08
 ; PRIOR APPLICATION NUMBER: US 60/572,784
 ; PRIOR FILING DATE: 2004-05-21
 ; NUMBER OF SEQ ID NOS: 46
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO: 36
 ; LENGTH: 360

Query Match 43.3%; Score 803.5; DB 6; Length 360;
 Best Local Similarity 46.2%; Pred. No. 5.8e-60;
 Matches 163; Conservative 68; Mismatches 113; Indels 9; Gaps 7;

Qy 3 TSIDTVEFTGTTSY-YDDVGLCEKADTRALMAQFVPPLYSLVFTVGLGNVVVWMLIK 61
 Db 9 TTLD-ESIYSNYYLYESIPKPCTKEGIKAFGEFLFLPPLYSLVFTVGLGNVVVWMLIK 66

Qy 62 YRRRLRIMNTIYLNLALISDLFLVTLPLFWIHYVRGNWFGHGMCKLILSGFYHTGLYSEI 121
 Db 67 YKRLRSMTDVYLLNLALISDLFLVFSLFPFWGYYA-ADQWVFGILGLCKRMISWWYLVGFYSGI 125

Qy 122 FFIILLTIDRYLAIVHAVFALARARTVTFGVITSIVTGLAVLAALPEFIFYETEELFEET 181
 Db 126 FFVMLMSIDRYLAIVHAVFSLRARTLTGVTSLATWSVAVFASLPGFLFSTCYTERNHT 185

Qy 182 LCSALYPEDTVSSWRHFHTLRTIFCLVLPLLLVMAICYTGIKIKLRCPSKSKKYKAIIL 241
 Db 186 YCKTKYSLNST-TWKVLLSLEINTNLGIVNIPLGIMLFCYSMIRTLQHCKNEKKNKAVKMI 244

Qy 242 FVIMAVFELFWTPYVAILLSSYQSLFGLNDERSKHLIDLVMLVTEVIAVSHCCMNPIVY 301
 Db 245 FAVVFLFLGFWTPTVNTLVELETLVELEVLPQDCTFERYDIAIQATETLAVFVHCCLNPIVY 304

Qy 302 AFVGERFRKYLRFHH--RHLLMHGLGRYVIPFLPSEKLER-TSSVSPSTAPEL 351
 Db 305 FFLGEKFRKYIQLFKTCRGLFV-LCQYCGLLQIYSADTPSSSYTQSTDHDL 356

RESULT 12
 US-10-995-561-636
 ; Sequence 636, Application US/10995561
 ; Publication No. US20050272054A1
 ; GENERAL INFORMATION:
 ; APPLICANT: CARGILL, Michele et al.
 ; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
 ; TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF
 ; TITLE OF INVENTION: DETECTION AND USES THEREOF
 ; FILE REFERENCE: CL001559
 ; CURRENT APPLICATION NUMBER: US/10/995,561
 ; CURRENT FILING DATE: 2004-11-24
 ; NUMBER OF SEQ ID NOS: 85702
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO: 636
 ; LENGTH: 355
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-10-995-561-636

Query Match 36.9%; Score 684; DB 6; Length 355;
 Best Local Similarity 42.9%; Pred. No. 4.8e-50;
 Matches 144; Conservative 59; Mismatches 117; Indels 16; Gaps 7;

Qy 17 YDDVGLCEKADTRALMAQFVPPLYSLVFTVGLGNVVVWMLIKYRRLRIMNTIYLNL 76
 Db 14 YDDLAECYIGDIDVWFGTVFLSIFYSVFAIGLVLNLVVFALTNSKKPSVTDYLNL 73

Qy 77 AISDLFLVTLPLFWIHYV--RG-HNNWFGHGMCKLILSGFYHTGLYSEIFFILLTDY 132
 Db 74 ALSDLFLVATLPFWTHYLINEKGLHNA--AMCKETTAFFFIGFFGSIFFITVVISIDY 128

Qy 133 LATVHAVFALARARTVTFGVITSIVTGLAVLAALPEFIFYETEELFEETLCSALYPEDTV 192
 Db 129 LAIVLAANSMMRNTVQHGVTISLGWMAAILVARPQFM--TKQ--KENECLGDYPEVLO 184

Qy 193 YSWRHFHTLRTIFCLVLPLLLVMAICYTGIKIKLRCPSKKYKAIILIFVIMAVFFIF 252
 Db 185 EIWPVLRNVETFGLFLPLLIMSYCYFRIQTLFSCKNHNKAKAIKLILLVIVFFLFW 244

QY 253 TPYNAVAILLSYOSILFGNDCCERSKHLVLMLVLTAVIYSHCCMNPNVIYAFVGERFRKYL 312
 ; LENGTH: 344
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-10-995-561-524

Query Match 35.7%; Score 662.5; DB 6; Length 344;
 Best Local Similarity 42.4%; Pred. No. 2.8e-48;
 Matches 142; Conservative 58; Mismatches 108; Indels 27; Gaps 8;

RESULT 13
 US-10-995-561-637
 ; Sequence 637, Application US/10995561
 ; Publication No. US20050272054A1

GENERAL INFORMATION:
 ; APPLICANT: CARGILL, Michele et al.
 ; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
 ; TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF
 ; TITLE OF INVENTION: DETECTION AND USES THEREOF
 ; FILE REFERENCE: CL001559
 ; CURRENT APPLICATION NUMBER: US/10/995,561
 ; CURRENT FILING DATE: 2004-11-24
 ; NUMBER OF SEQ ID NOS: 85702
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 637
 ; LENGTH: 362
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-10-995-561-637

Query Match 36.9%; Score 684; DB 6; Length 362;
 Best Local Similarity 42.9%; Pred. No. 4.9e-50;
 Matches 144; Conservative 59; Mismatches 117; Indels 16; Gaps 7;

QY 17 YDDVGGLCEKADTRALMAQFVPPLYSLVFTVGLLGNVVVVMILIKYRRLRIMTNIVLNLAISDLF 76
 ; LENGTH: 171
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-10-995-561-637

Db 21 YDOLAEACYIGDIVVFGTVFLSIFYSVIAIGLVLGNLLVVFALTNSKKPKSVTDIVLN 80
 ; LENGTH: 171
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-10-995-561-637

QY 77 AISDLFLVTLPLFWIHY--RG-HNWFGHGMCKLISGFYHTGLYSEIFFLTLTIDRYLATVHA--VFA 141
 ; LENGTH: 171
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-10-995-561-637

Db 81 AISDLFLVATLPLFWTHYLNEKGLEM-----AMCKFTTAFFFIGFFGCSIFFITVSDRY 135
 ; LENGTH: 171
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-10-995-561-637

QY 133 LAIVHAVFALLRARTVTFGVITSIVTWGLAVLAALPEFIFYETELFETLCSALLYPEDTV 192
 ; LENGTH: 171
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-10-995-561-637

Db 136 LATVLAANSMMNRTVQHGTISLGWAAAILVAAQOFMF--TKQ--KENECLGDYPEVHQ 191
 ; LENGTH: 171
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-10-995-561-637

QY 193 YSWRHFHFTLRTIFCLVLPLLVMAICYTGIKTLRCPSKKYKAIRLIFVIMAVFFPTW 252
 ; LENGTH: 171
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-10-995-561-637

Db 192 EIWPVPLRNVTNFLGFLPLLIMSYCYFRIQTLFSCKNHKAKAIKLILLVVFPLW 251
 ; LENGTH: 171
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-10-995-561-637

QY 253 TPYNAVAILLSYOSILFGNDCCERSKHLVLMLVLTTEVIAYSHCCMNPNVIYAFVGERFRKYL 312
 ; LENGTH: 171
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-10-995-561-637

Db 252 TPYNAVAILLSYOSILFGNDCCERSKHLVLMLVLTTEVIAYSHCCMNPNVIYAFVGERFRKYL 311
 ; LENGTH: 171
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-10-995-561-637

RESULT 14
 US-10-995-561-524
 ; Sequence 524, Application US/10995561
 ; Publication No. US20050272054A1

GENERAL INFORMATION:
 ; APPLICANT: CARGILL, Michele et al.
 ; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
 ; TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF
 ; TITLE OF INVENTION: DETECTION AND USES THEREOF
 ; FILE REFERENCE: CL001559
 ; CURRENT APPLICATION NUMBER: US/10/995,561
 ; CURRENT FILING DATE: 2004-11-24
 ; NUMBER OF SEQ ID NOS: 85702
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 524
 ; LENGTH: 344
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-10-995-561-524

Query Match 35.7%; Score 662.5; DB 6; Length 344;
 Best Local Similarity 42.4%; Pred. No. 2.8e-48;
 Matches 142; Conservative 58; Mismatches 108; Indels 27; Gaps 8;

QY 24 CEKADTRALMAQFVPPLYSLVFTVGLLGNVVVVMILIKYRRLRIMTNIVLNLAISDLF 83
 ; LENGTH: 171
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-10-995-561-524

Db 28 CDKYDAQALSAQLVPLSLCSAVFVIGVLDNLVVLVTKYKGKRVENIVLNLAISDLF 87
 ; LENGTH: 171
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-10-995-561-524

QY 84 LYTLPLFWIHYVREGHGNWVFGHGMCKLISGFYHTGLYSEIFFLTLTIDRYLATVHA--VFA 141
 ; LENGTH: 171
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-10-995-561-524

Db 88 LYTLPLFWIHYVREGHGNWVFGHGMCKLISGFYHTGLYSEIFFLTLTIDRYLATVHA--VFA 140
 ; LENGTH: 171
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-10-995-561-524

QY 142 LRARTVTFGVITSIVTWGLAVLAALPEFIFYETELFETL---SALLYPEDTVYWSRH 197
 ; LENGTH: 171
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-10-995-561-524

Db 141 AR-RVPGCGIITSVLAWVTAITLPEFVVKPOMEDQKYKCAFSLRTPFLPDAETR-WKH 198
 ; LENGTH: 171
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-10-995-561-524

QY 198 FHTLRTMTIFCLVLPLLVMAICYTGIKTLRCPSKKYKAIRLIFVIMAVFFFWTPYV 257
 ; LENGTH: 171
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-10-995-561-524

Db 199 FLTLKMNISVLVLPFLIFTFLYVQMRKTLRF--REQRYSFLKLVFAIMVFLMMWAPYNI 256
 ; LENGTH: 171
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-10-995-561-524

